

ABSTRACT

The present invention is directed to a circuit that is housed within a battery that preserves the chemical energy within a battery when an external load is accidentally left on. The circuit comprises of a momentary switch, a relay, a timer and a terminal, wherein the circuit is connected to the positive and negative electrodes of a battery. The circuit is described in the circuit diagram and functions in the following manner: (1) the momentary switch detects any movement outside of the battery and sends a pulse to the relay, wherein the pulse causes the relay to close, thereby allowing electricity to flow through the circuit to the load outside of the battery, simultaneously, the momentary switch will also trigger the timer to supply power to the circuit during a timing cycle, (2) when then timer's cycle is complete, the timer's output will go low and thereby cause the relay to open and halt the flow of electricity. The terminal would be connected to the positive electrode of the battery and would have a means for connecting to the external load.